

Fig. 1

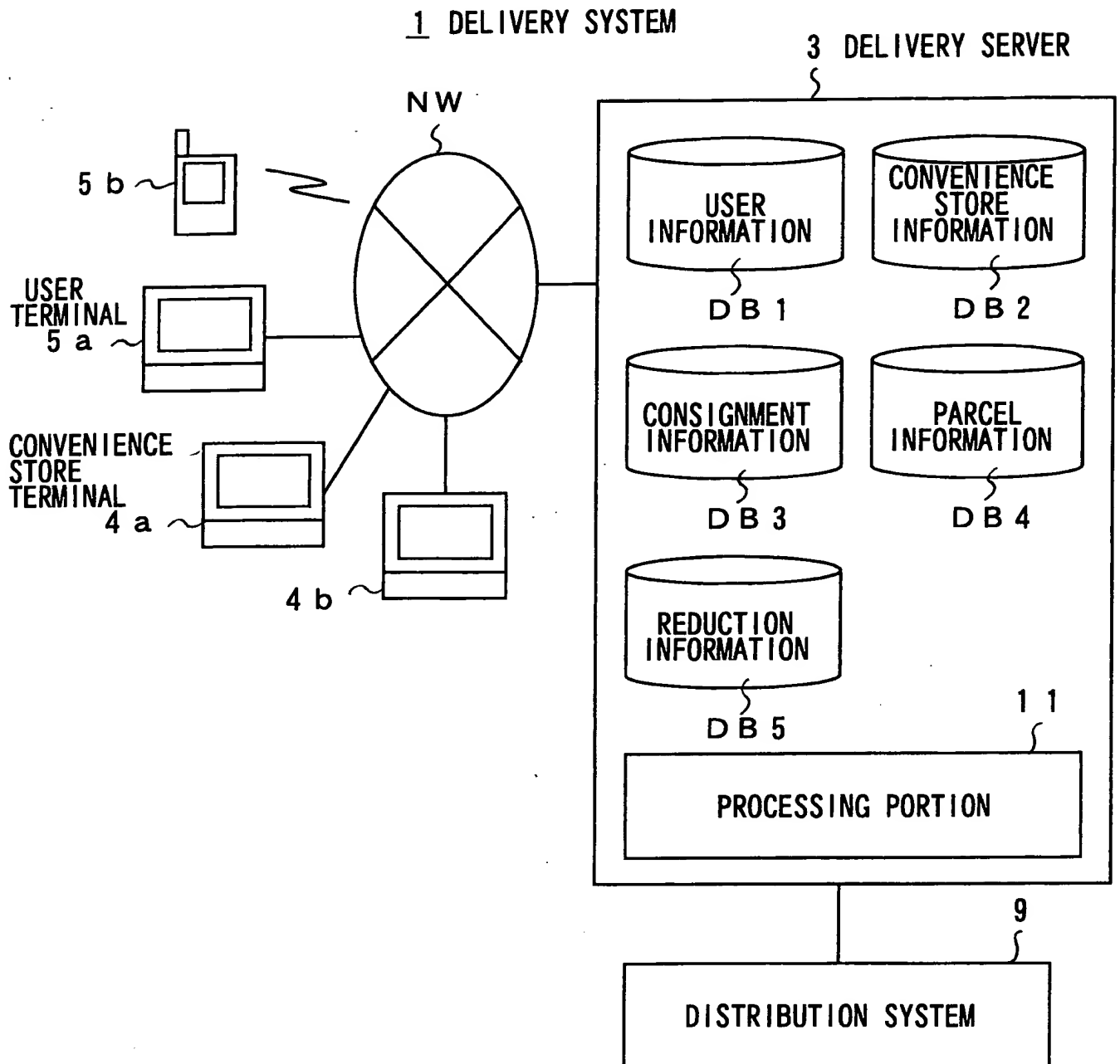


Fig. 2

DB.1 USER INFORMATION

J J		J K			C M		E M		
}		}			}		}		
USER ID	PASSWORD	NAME	ADDRESS	WORKING PLACE ADDRESS	SEX	AGE	HOME TEL	NEAREST CONVENIENCE STORE	E-MAIL ADDRESS
tak101010	xyzabcdefg	YOSHIDA	OSAKA	OSAKA-CITY, OSAKA	MALE	25	06-69XX	E0001001	yoshida@xyz.

F i g . 3

DB2 CONVENIENCE STORE INFORMATION

ST

FRANCHISE ID	STORE ID	STORE NAME	LOCATION	ADVERTISEMENT 1	ADVERTISEMENT 2
C120	C1201022	K STORE IN ○○	SHIROMI 3 CHUO-KU, OSAKA-CITY	DISCOUNT COUPON RESERVED FOR YOU	Http://www . . ~

Fig. 4

DB 3 CONSIGNMENT INFORMATION

USER ID	KN	UB	UD	UH	TD	TH	UK	FB	FE
	CONFIRM- ATION NUMBER	RECEPTION PLACE	DESIRED RECEPTION DATE	DESIRED RECEPTION TIME	NOTICE DATE	NOTICE TIME	RECEPTION DATE	BASIC FEE	LATE FEE
tak111203	1242							200	
tak101010	1232	C1201022	2000/9/10	21:00	2000/9/10	12:00		200	
tak111102	4323	C1311012	2000/9/8	18:00	2000/9/8	17:00	2000/9	200	100

F i g . 5

D B 4 PARCEL INFORMATION

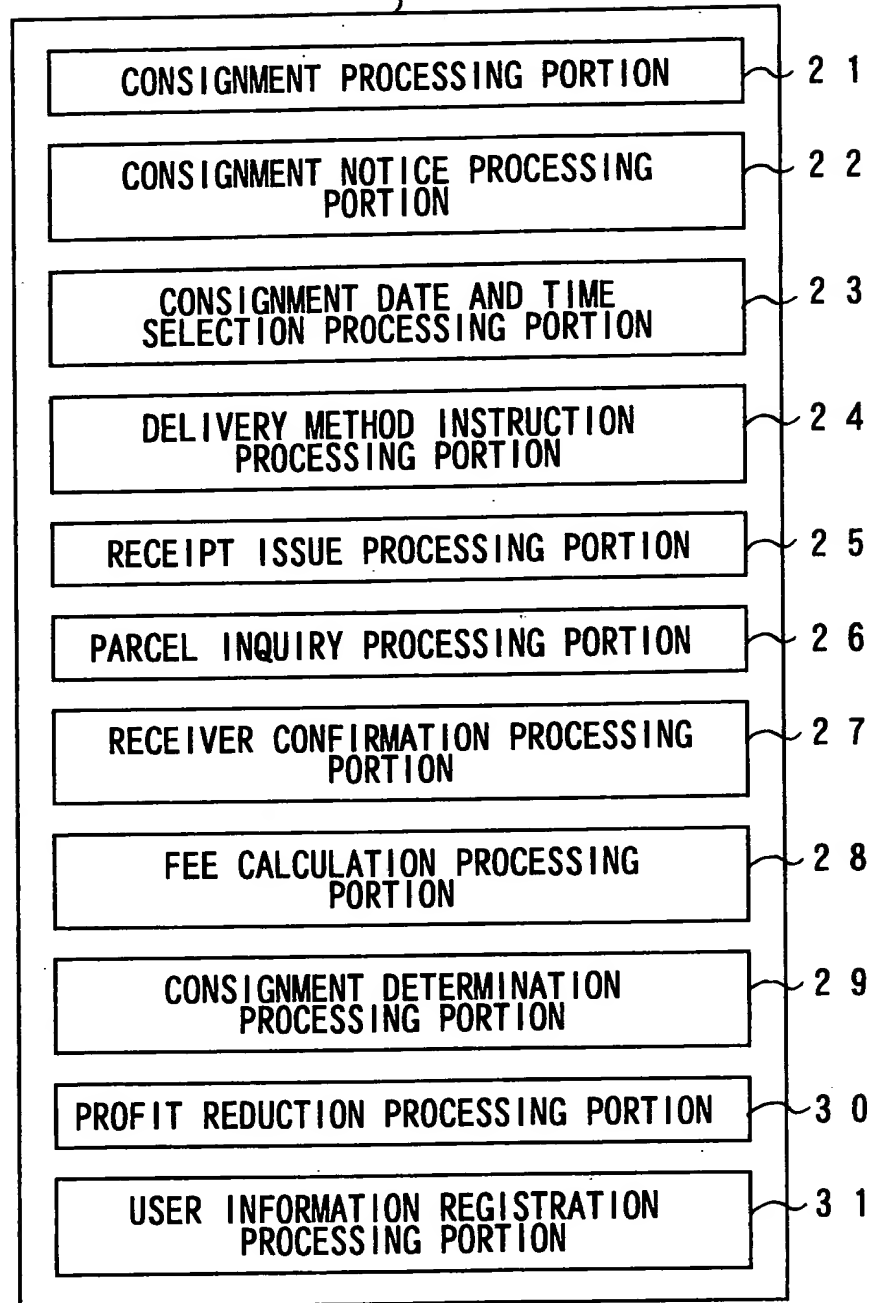
PARCEL NUMBER	CONSIGNOR	CONSIGNOR'S ADDRESS	CONSIGNOR'S TELEPHONE NUMBER	CONSIGNING DATE	PARCEL CONTENTS	WEIGHT	DIMENSIONS (HEIGHT, WIDTH AND DEPTH)	PORTABILITY
11201022	YAMASHITA	KANAGAWA	000-11-1111	2000/9/8	EVERYDAY ITEMS	800g	30cm×40cm×6cm	OK

F i g . 6

DB 5 REDUCTION INFORMATION

FRANCHISE ID	STORE NAME	Q N S CONSIGNMENT DEALING NUMBER	K G S REDUCTION AMOUNT
C120	K STORE	12100	605000

5



1. The first part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as $t \rightarrow \infty$. It is shown that the solutions of the system (1) tend to zero as $t \rightarrow \infty$ if and only if the matrix A is stable.

F i g . 8

HG1

MR. YAMADA

THANK YOU FOR YOUR USE.
YOU HAVE A PARCEL FROM ○○.
PLEASE ACCESS TO THE FOLLOWING HOME PAGE AND DESIGNATE
A CONVENIENT DAY, TIME AND PLACE FOR YOU TO RECEIVE THE
PARCEL.

CONSIGNOR: ○○

CONTENTS OF PARCEL: EVERYDAY ITEMS

WEIGHT: 800g

DIMENSIONS (HEIGHT, WIDTH AND DEPTH): 30, 40 AND 6cm

PORTABILITY: OK

CONFIRMATION NUMBER: 1342

REGISTER DAY, TIME AND PLACE HERE!!

<http://xxx.yyy.co.jp/takuhai>

IF YOU USE A CELLULAR PHONE, REGISTER HERE!

<http://aaa.bbb.co.jp/takuhai>

N J {
N N
N G
N S
N T
K N
U S

T02020" / T604/60

F i g . 9

HG 2

WELCOME TO THE CONVENIENCE DELIVERY SERVICE!
INPUT YOUR USER ID AND PASSWORD AND THEN CLICK THE LOGIN.

USER ID : tak101010

PASSWORD : *****

LOGIN

END

0976917 020001

F i g . 1 0

HG3

PARCELS FOR YOU ARE AS FOLLOWS. SELECT A PARCEL FROM THE LIST. IF YOU WANT TO RECEIVE PLURAL PARCEL AT ONE TIME, SELECT PLURAL PARCELS AND DESIGNATE A DAY, A TIME AND A PLACE.

【LIST OF YOUR PARCEL】

	NO	CONSIGNOR	CONTENTS	RECEPTION DATE	TIME	RECEPTION PLACE	PORT- ABILITY	WEIGHT	DIMENSIONS (cm) (HEIGHT, WIDTH, AND DEPTH)
<input type="checkbox"/>	1	TATSUO YAMASHITA	CLOTHES	2000/ 08/21	13:00	A-CHAIN KYOBASHI STORE	OK	500g	100×50×10
<input checked="" type="checkbox"/>	2	ARISA TAKEUCHI	GIFT				OK	1000g	100×60×13

【DESIGNATION METHOD】
WHICH DO YOU DESIGNATE A CONVENIENCE STORE FOR RECEIVING THE PARCEL?
SELECT ONE OF THE FOLLOWING METHOD.

- ☒ VICINITY OF HOME
☐ WORKING PLACE
☐ OTHERS

DESIGNATION OF
DAY, TIME AND PLACESETTING OF
ATTENTION NOTICE

END

HG4

NOW DISPLAYING CONVENIENCE STORES IN THE VICINITY OF YOUR HOME.

CLICK A CONVENIENCE STORE YOU WISH ON THE MAP.

INPUT A CONVENIENT DAY AND TIME AND CLICK THE 'ENTER' BUTTON.

SHORTEST DELIVERY AVAILABLE

DATE: 8/21/2000

RECEPTION DATE: 8/21/2000

TIME: 18:00

PLACE: B-CHAIN KYOBASHI STORE

ENTER

SAVE

RECEIPT

B-CHAIN
KYOBASHI
STORE ☆

DISCOUNT
COUPON
TICKET
RESERVED
FOR YOU.
DETAIL HERE.

4

☆A-CHAIN
KYOBASHI
STORE

5%DISCOUNT
FOR ALL
GOODS.
DETAIL HERE.

F i g . 1 2

HG5

NOW, DISPLAYING CONVENIENCE STORES IN THE VICINITY OF YOUR WORKING PLACE.

CLICK A CONVENIENCE STORE YOU WISH ON THE MAP.

INPUT A CONVENIENT DAY AND TIME AND CLICK THE 'ENTER' BUTTON.

SHORTEST DELIVERY AVAILABLE
DATE: 8/21/2000

RECEPTION DATE: 8/21/2000

TIME: 18:00

PLACE: B-CHAIN KYOBASHI STORE

ENTER

SAVE

RECEIPT

B-CHAIN
KYOBASHI
STORE ☆

DISCOUNT
COUPON
TICKET
RESERVED
FOR YOU.
DETAIL HERE.

4

☆A-CHAIN
KYOBASHI
STORE

5%DISCOUNT
FOR ALL
GOODS.
DETAIL HERE.

097897 0000
T00020 768260

RECEIPT

**5% DISCOUNT
FOR ALL
GOODS.
DETAIL HERE.**

[illegible]

F i g . 1 4

HG7

ATTENTION NOTICE MAIL IS SET TO BE TRANSMITTED AT THE
DEFAULT TIME, I.E., ONE HOUR BEFORE THE TIME OF THE DAY
FOR RECEIVING THE PARCEL.

ATTENTION NOTICE MAIL IS SET TO BE TRANSMITTED AT

17:00, 8/21/2000

CLICK THE 'CHANGE' BUTTON FOR CONFIRMING THE SETTING
OF THE ATTENTION NOTICE MAIL.

CHANGE

CANCEL

T08020" 2T682250

F i g . 1 5

HG8

MR. YAMADA

THANK YOU FOR YOUR USE.
THE DAY, TIME AND PLACE FOR YOU TO RECEIVE THE PARCEL ARE
REGISTERED AS BELOW. IF YOU RECEIVE THE PARCEL AFTER THE
DAY AND TIME, YOU HAVE TO PAY THE LATE FEE. A PRIVILEGE
IS RESERVED FOR YOU WHEN YOU COME AND RECEIVE THE PARCEL
AS THE SCHEDULE. YOU ARE URGED TO COME.

CONSIGNOR: ○○

CONTENTES OF PARCEL: EVERYDAY ITEMS

WEIGHT: 800g

DIMENSIONS(HEIGHT,WIDTH AND DEPTH): 30,40 AND 6cm

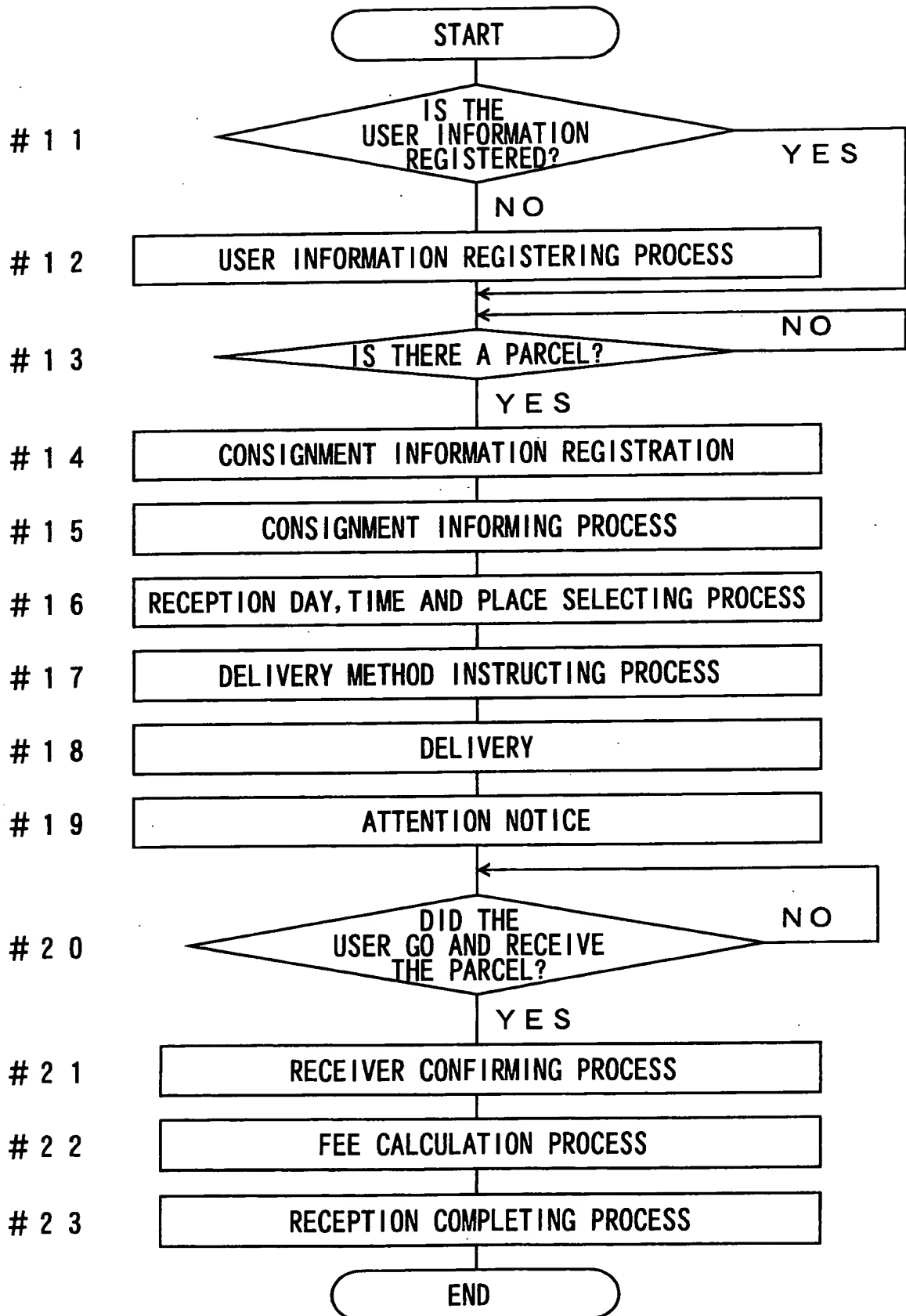
PORTABILITY: OK

RECEPTION PLACE: A-CHAIN ○○STORE

DAY AND TIME: WED, 9/20/2000, 19:00

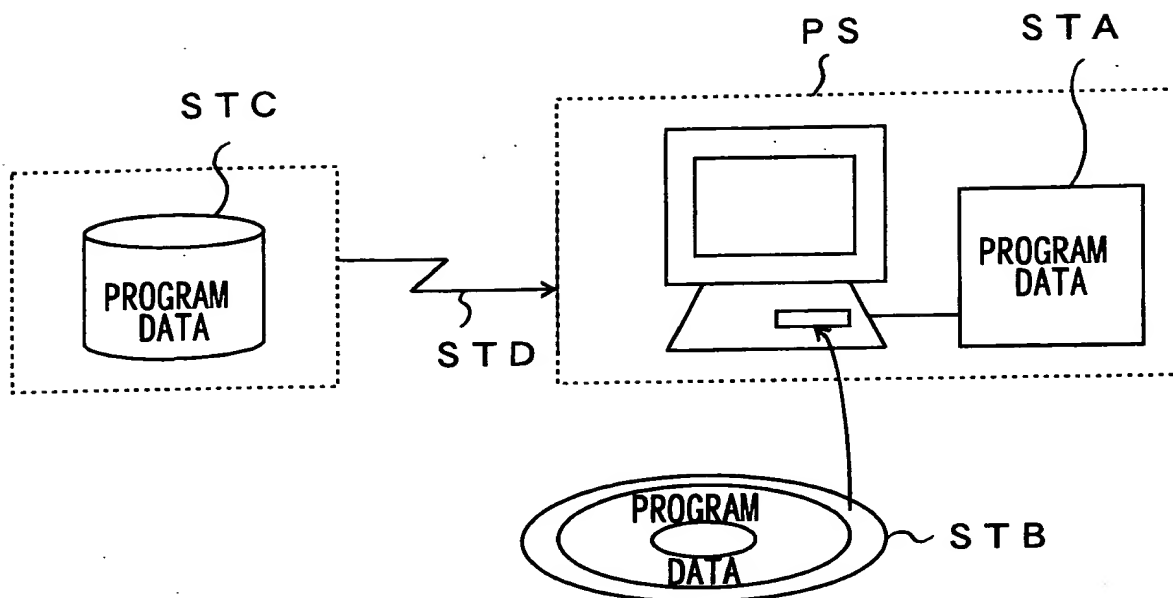
097097 030304
T03030 2T62460

Fig. 17



097694 00004

Fig. 18



09778947-020004
T030207168760